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**[54] Invention name** A compound spirulina beauty masque powder

**[57] Abstract**

The present invention relates to a type of compound spirulina beauty masque powder, it is a health and beauty product composed of pure and natural raw materials such as spirulina, pearl powder, pure pollen, mung bean flour, soy protein isolate powder, powdered silkworm larvae, betulla tuber powder and talcum powder, and is prepared through the process of crushing, mixing and sterilization processes. The advantage is that within several minutes of said beauty masque powder being applied to the face, a masque is formed, being used only once a day, and each treatment time needing only about 0.5 hour, and after one to two treatments, a smooth, fine, white and delicate complexion begins to appear. Using 3 to 7 times markedly reduces or eliminates acne or freckles, and there are no side effects.

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## Patent Claim

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1. A type of compound spirulina beauty masque powder for health and beauty, composed of 20 to 40 grams of spirulina, 8 to 30 grams of pearl powder, 20 to 40 grams of pure pollen, 10 to 30 grams of mung bean flour, 5 to 12 grams of soy protein isolate powder, 6 to 15 grams of powdered silkworm larvae, 6 to 15 grams of bletilla tuber powder and 6 to 15 grams of talcum powder, wherein after bletilla tuber, silkworm larvae and mung beans are ground to powders of 140 mesh, they are mixed evenly with the spirulina, pearl powder, pure pollen, soy protein isolate powder and talcum, the mixed powder is ground to fine powder of 200 mesh using air flow grinding or an ultrafine micronizer, and then the powder is then sterilized with ethylene oxide.
2. The compound spirulina beauty masque powder for beauty specified in claim 1 characterized by 25 to 35 grams of spirulina, 10 to 20 grams of pearl powder, 25 to 35 grams of pure pollen, 15 to 25 grams of mung bean flour, 6 to 10 grams of soy protein isolate powder, 8 to 12 grams of powdered silkworm larvae, 8 to 12 grams of bletilla tuber powder and 8 to 12 grams of talcum powder.
3. The compound spirulina beauty masque powder for beauty specified in claim 1, characterized by the bletilla tuber, silkworm larvae and mung beans are ground to powders of 140 mesh, they are mixed evenly with spirulina, pearl powder, pure pollen, soy protein isolate powder and talcum, the mixed power is ground to fine powder of 200 mesh using air flow grinding or an ultrafine micronizer, and then the powder is then sterilized with ethylene oxide.

## Patent Specification

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### A complex spirulina beauty masque powder

The present invention relates to a cosmetic product with the function of health and beauty.

At present, there are many cosmetic products used for the maintenance and treatment of facial skin, as well as removing juvenile acne (pimple), age spots and regeneration of rough skin. However, most of the products require long term treatment, their effect is not significant and their cost is high. Some cosmetic products still use chemically synthesized toxic substances (such as mercury, lead, and arsenic) as raw materials, long term use of which may not only lead to direct or indirect chronic injury to the skin, but also to liver and kidney functions.

The objective of the present invention is to provide a cosmetic product that overcomes the above mentioned shortcomings with spirulina, a marvelous natural sea creature as the major raw material.

The raw materials presented in the present invention are comprised of 20 to 40 grams of spirulina, 8 to 30 grams of pearl powder, 20 to 40 grams of pure pollen, 10 to 30 grams of mung bean flour, 5 to 12 grams of soy protein isolate powder, 8 to 12 grams of powdered silkworm larvae, 6 to 15 grams of bletilla tuber powder and 6 to 15 grams of talcum powder.

The composition of the raw materials specified in the present invention has the effect of instant beautification of facial skin, the advantages being:

1. Upon evenly mixing the complex spirulina beauty masque powder with albumen (or glycerin) and directly applying 2 to 3 layers of the mixture on the face (massaging in the mean time), a masque can be formed on the face in a few minutes, allowing the effective bioactive substances to permeate the skin and take effect; 2. Convenient: only used once a day, and each treatment takes only about 0.5 hour. After it takes effect, the treatment can be changed to once every 7 to 10 days; 3. The effect is satisfactory: a significant effect can be observed after only 1 to 2 uses, such as the appearance of a smooth, fine, white and delicate complexion, and after using over 3 to 7 times acne or freckles can be markedly reduced; 4. Safe and reliable: no chemical ingredients; 5. Low cost: the cost is only 1/3 to 1/5 of other cosmetic products for skin treatment.

The preferred embodiments of the present patent are as follows

Preparation: First grind 6 to 15 grams of bletilla tuber, 6 to 15 grams of silkworm larvae, and 10 to 30 grams of mung bean into powders of 140 mesh, then mix with 20 to 40 grams of spirulina, 8 to 30 grams of pearl powder, 20 to 40 grams of pure pollen, 5 to 12 grams of soy protein isolate powder, and 6 to 15 grams of talcum powder, the mixed power is then ground to fine powder of 200 mesh using air flow grinding or an ultrafine micronizer. The powder is the sterilized with ethylene oxide. The method thereof being: the powders are added to the inside of a sterilizer, and the sterilizer is sealed and evacuated. Ethylene oxide is heated to 50 °C and vaporized by a jacket heater, and then ethylene oxide gas is passed through the sterilizer at 50°C. The jacket heater heat is maintained by 50 °C water. After the materials have been sterilized for 2 to 7 hours, the ethylene oxide gas in the sterilizer is stripped out by a vacuum pump, and then

discharged into a pond. Then filtered sterile air is purged through the sterilizer. The powdered material is stored in a sterile container, and then aseptic packaging performed.